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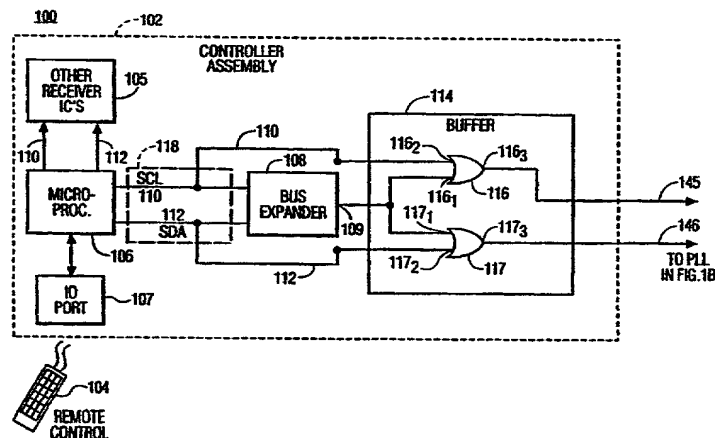
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(54) Title: **METHOD AND APPRATUS FOR ISOLATING IIC BUS NOISE FROM A TUNER IN A TELEVISION RECEIVER**



(57) Abstract: A method and apparatus for isolating a noise intolerant device, e.g., a phase-lock loop of a tuner within a television receiver, from source of noise. In one embodiment, the apparatus isolates a phase-lock loop integrated circuit (IC) from the bus, by providing an isolation buffer that allows the receiver to only pass data to the tuner's phase-lock loop IC when a tune command is issued by a processor. When not being tuned, the IIC lines to the tuner are held HIGH by a buffer until needed again to perform the tuning function. This allows the demodulation circuitry to use a setting for a carrier tracking-loop that optimizes bit error rate performance.

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